```
BEGIN 5,6,55,154,155,156,312,399,BIOTECH,BIOSCI
>>>         135 is unauthorized
```

```
  Set  Items  Description
      ---  -----  -----------
?

S ADENOVIR? (5N) VECTOR? AND P53
          242282  ADENOVIR?
         2018623  VECTOR?
           60958  ADENOVIR?(5N)VECTOR?
          332823  P53
      S1    3552  ADENOVIR? (5N) VECTOR? AND P53
?

S ADENOVIR? (5N) VECTOR? (7N) P53
          242282  ADENOVIR?
         2018623  VECTOR?
          332823  P53
      S2    2181  ADENOVIR? (5N) VECTOR? (7N) P53
?

S2 AND (CMV OR CYTOMEGALOVIR?) (5N) P53
Processing
Processed  10 of  35 files ...
Completed processing all files
        36313188  2
           91759  CMV
          196374  CYTOMEGALOVIR?
          332823  P53
             534  (CMV OR CYTOMEGALOVIR?)(5N)P53
      S3     194  2 AND (CMV OR CYTOMEGALOVIR?) (5N) P53
?

S S3 AND PY<1994
Processing
Processed  10 of  35 files ...
Processing
>>>One or more prefixes are unsupported
>>>  or undefined in one or more files.
Processing
Processed  20 of  35 files ...
Completed processing all files
             194  S3
        81079668  PY<1994
      S4       4  S3 AND PY<1994
?
```

Display 4/3/1 (Item 1 from file: 154)

DIALOG(R)File 154:MEDLINE(R)
(c) format only 2005 The Dialog Corp. All rts. reserv.

10087773 PMID: 8382357

Wild-type mouse p53 down-regulates transcription from different virus enhancer/promoters.

Jackson P; Bos E; Braithwaite A W

Division of Cell Biology, John Curtin School of Medical Research, Australian National University, Canberra.

Oncogene (ENGLAND) Mar 1993, 8 (3) p589-97, ISSN 0950-9232

Journal Code: 8711562

Publishing Model Print

Document type: Journal Article

Languages: ENGLISH

Main Citation Owner: NLM
Record type: MEDLINE; Completed

- end of record -

?

Display 4/3/2 (Item 2 from file: 154)
DIALOG(R)File 154:MEDLINE(R)

09842033 PMID: 1352831
Inhibition of viral and cellular promoters by human wild-type p53.
Subler M A; Martin D W; Deb S
Department of Microbiology, University of Texas Health Science Center, San Antonio 78284-7758.
Journal of virology (UNITED STATES) Aug 1992, 66 (8) p4757-62, ISSN 0022-538X Journal Code: 0113724
Contract/Grant No.: AI07271-08; AI; NIAID
Publishing Model Print
Document type: Journal Article
Languages: ENGLISH
Main Citation Owner: NLM
Record type: MEDLINE; Completed

- end of record -

?

Display 4/3/3 (Item 1 from file: 155)
DIALOG(R)File 155:MEDLINE(R)

10087773 PMID: 8382357
Wild-type mouse p53 down-regulates transcription from different virus enhancer/promoters.
Jackson P; Bos E; Braithwaite A W
Division of Cell Biology, John Curtin School of Medical Research, Australian National University, Canberra.
Oncogene (ENGLAND) Mar 1993, 8 (3) p589-97, ISSN 0950-9232 Journal Code: 8711562
Publishing Model Print
Document type: Journal Article
Languages: ENGLISH
Main Citation Owner: NLM
Record type: MEDLINE; Completed

- end of record -

?

Display 4/3/4 (Item 2 from file: 155)
DIALOG(R)File 155:MEDLINE(R)

09842033 PMID: 1352831
Inhibition of viral and cellular promoters by human wild-type p53.
Subler M A; Martin D W; Deb S
Department of Microbiology, University of Texas Health Science Center, San Antonio 78284-7758.
Journal of virology (UNITED STATES) Aug 1992, 66 (8) p4757-62, ISSN 0022-538X Journal Code: 0113724
Contract/Grant No.: AI07271-08; AI; NIAID

Publishing Model Print
Document type: Journal Article
Languages: ENGLISH
Main Citation Owner: NLM
Record type: MEDLINE; Completed

- end of record -

?

Display 4/9/4 (Item 2 from file: 155)
DIALOG(R)File 155:MEDLINE(R)

09842033 PMID: 1352831
Inhibition of viral and cellular promoters by human wild-type p53.
Subler M A; Martin D W; Deb S
Department of Microbiology, University of Texas Health Science Center, San Antonio 78284-7758.
Journal of virology (UNITED STATES) Aug 1992, 66 (8) p4757-62, ISSN 0022-538X Journal Code: 0113724
Contract/Grant No.: AI07271-08; AI; NIAID
Publishing Model Print
Document type: Journal Article
Languages: ENGLISH
Main Citation Owner: NLM
Record type: MEDLINE; Completed
Subfile: INDEX MEDICUS; AIDS/HIV
Mutation of the p53 tumor suppressor gene is a recurring event in a

-more-

?

Display 4/9/4 (Item 2 from file: 155)
DIALOG(R)File 155:MEDLINE(R)

variety of human cancers. Wild-type p53 may regulate cell proliferation and has recently been shown to repress transcription from several cellular promoters. We studied the effects of wild-type and mutant human p53 on the human proliferating-cell nuclear antigen promoter and on several viral promoters including the simian virus 40 early promoter-enhancer, the herpes simplex virus type 1 thymidine kinase and UL9 promoters, the human cytomegalovirus major immediate-early promoter-enhancer, and the long terminal repeat promoters of Rous sarcoma virus, human immunodeficiency virus type 1, and human T-cell lymphotropic virus type I. HeLa cells were cotransfected with a wild-type or mutant p53 expression vector and plasmids containing a chloramphenicol acetyltransferase reporter gene under viral (or cellular) promoter control. Expression of wild-type p53 correlated with a consistent and significant (6- to 76-fold) reduction of reporter enzyme activity. A mutation at amino acid 143 of p53 releases this inhibition significantly with all the promoters studied. Expression of a p53 mutated at any one of the five amino acid positions 143, 175, 248, 273, and 281

-more-

?

Display 4/9/4 (Item 2 from file: 155)
DIALOG(R)File 155:MEDLINE(R)

also correlated with a much smaller (one- to sixfold) reduction of reporter enzyme activity from the herpes simplex virus type 1 thymidine kinase

promoter. These mutant forms of p53 are found in various cancer cells. Thus, failure of tumor suppression correlates with loss of the promoter inhibitory effect of p53.

Tags: Research Support, Non-U.S. Gov't; Research Support, U.S. Gov't, Non-P.H.S.; Research Support, U.S. Gov't, P.H.S.

Descriptors: *Cytomegalovirus--genetics--GE; *Genes, p53; *HIV-1 --genetics--GE; *Human T-lymphotropic virus 1--genetics--GE; *Nuclear Proteins--genetics--GE; *Promoter Regions (Genetics); *Sarcoma Viruses, Avian--genetics--GE; *Simian virus 40--genetics--GE; *Simplexvirus --genetics--GE; Antigens, Neoplasm--genetics--GE; Chloramphenicol O-Acetyltransferase--genetics--GE; Chloramphenicol O-Acetyltransferase --metabolism--ME; Enhancer Elements (Genetics); Hela Cells; Humans; Plasmids; Proliferating Cell Nuclear Antigen; Repetitive Sequences, Nucleic Acid; Thymidine Kinase--genetics--GE; Transcription, Genetic

-more-

?

Display 4/9/2 (Item 2 from file: 154)

DIALOG(R)File 154:MEDLINE(R)

09842033 PMID: 1352831

Inhibition of viral and cellular promoters by human wild-type p53.

Subler M A; Martin D W; Deb S

Department of Microbiology, University of Texas Health Science Center, San Antonio 78284-7758.

Journal of virology (UNITED STATES) Aug 1992, 66 (8) p4757-62, ISSN 0022-538X Journal Code: 0113724

Contract/Grant No.: AI07271-08; AI; NIAID

Publishing Model Print

Document type: Journal Article

Languages: ENGLISH

Main Citation Owner: NLM

Record type: MEDLINE; Completed

Subfile: INDEX MEDICUS; AIDS/HIV

Mutation of the p53 tumor suppressor gene is a recurring event in a

-more-

?

Display 4/9/2 (Item 2 from file: 154)

DIALOG(R)File 154:MEDLINE(R)

variety of human cancers. Wild-type p53 may regulate cell proliferation and has recently been shown to repress transcription from several cellular promoters. We studied the effects of wild-type and mutant human p53 on the human proliferating-cell nuclear antigen promoter and on several viral promoters including the simian virus 40 early promoter-enhancer, the herpes simplex virus type 1 thymidine kinase and UL9 promoters, the human cytomegalovirus major immediate-early promoter-enhancer, and the long terminal repeat promoters of Rous sarcoma virus, human immunodeficiency virus type 1, and human T-cell lymphotropic virus type I. HeLa cells were cotransfected with a wild-type or mutant p53 expression vector and plasmids containing a chloramphenicol acetyltransferase reporter gene under viral (or cellular) promoter control. Expression of wild-type p53 correlated with a consistent and significant (6- to 76-fold) reduction of reporter enzyme activity. A mutation at amino acid 143 of p53 releases this inhibition significantly with all the promoters studied. Expression of a p53 mutated at any one of the five amino acid positions 143, 175, 248, 273, and 281

-more-

?

Display 4/9/2 (Item 2 from file: 154)

DIALOG(R)File 154:MEDLINE(R)

also correlated with a much smaller (one- to sixfold) reduction of reporter enzyme activity from the herpes simplex virus type 1 thymidine kinase promoter. These mutant forms of p53 are found in various cancer cells. Thus, failure of tumor suppression correlates with loss of the promoter inhibitory effect of p53.

Tags: Research Support, Non-U.S. Gov't; Research Support, U.S. Gov't, Non-P.H.S.; Research Support, U.S. Gov't, P.H.S.

Descriptors: *Cytomegalovirus--genetics--GE; *Genes, p53; *HIV-1 --genetics--GE; *Human T-lymphotropic virus 1--genetics--GE; *Nuclear Proteins--genetics--GE; *Promoter Regions (Genetics); *Sarcoma Viruses, Avian--genetics--GE; *Simian virus 40--genetics--GE; *Simplexvirus --genetics--GE; Antigens, Neoplasm--genetics--GE; Chloramphenicol O-Acetyltransferase--genetics--GE; Chloramphenicol O-Acetyltransferase --metabolism--ME; Enhancer Elements (Genetics); Hela Cells; Humans; Plasmids; Proliferating Cell Nuclear Antigen; Repetitive Sequences, Nucleic Acid; Thymidine Kinase--genetics--GE; Transcription, Genetic

-more-

?

```
S S2 AND GROWTH (N) SUPPRESS?
Processed  10 of  35 files ...
Processing
Completed processing all files
            2181  S2
         8243730  GROWTH
         2215151  SUPPRESS?
           30911  GROWTH(N)SUPPRESS?
      S5     180  S2 AND GROWTH (N) SUPPRESS?
?

S S5 AND PY<1994
Processing
Processed  10 of  35 files ...
Processing
>>>One or more prefixes are unsupported
>>>  or undefined in one or more files.
Processed  20 of  35 files ...
Completed processing all files
             180  S5
        81079668  PY<1994
      S6       1  S5 AND PY<1994
?
```

Display 6/3/1 (Item 1 from file: 34)

DIALOG(R)File 34:SciSearch(R) Cited Ref Sci

02785873 Genuine Article#: MD194 No. References: 33

Title: INHIBITION OF CELL-PROLIFERATION BY AN ADENOVIRUS VECTOR EXPRESSING THE HUMAN WILD TYPE-P53 PROTEIN

Author(s): BACCHETTI S; GRAHAM FL

Corporate Source: MCMASTER UNIV,DEPT PATHOL/HAMILTON L8N

3Z5/ONTARIO/CANADA/; MCMASTER UNIV,DEPT BIOL/HAMILTON L8N
3Z5/ONTARIO/CANADA/
Journal: INTERNATIONAL JOURNAL OF ONCOLOGY, 1993, V3, N5 (NOV), P781-788
ISSN: 1019-6439
Language: ENGLISH Document Type: ARTICLE (Abstract Available)

- end of record -

?

Display 6/9/1 (Item 1 from file: 34)
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci

02785873 Genuine Article#: MD194 Number of References: 33
Title: INHIBITION OF CELL-PROLIFERATION BY AN ADENOVIRUS VECTOR EXPRESSING THE HUMAN WILD TYPE-P53 PROTEIN
Author(s): BACCHETTI S; GRAHAM FL
Corporate Source: MCMASTER UNIV,DEPT PATHOL/HAMILTON L8N
3Z5/ONTARIO/CANADA/; MCMASTER UNIV,DEPT BIOL/HAMILTON L8N
3Z5/ONTARIO/CANADA/
Journal: INTERNATIONAL JOURNAL OF ONCOLOGY, 1993, V3, N5 (NOV), P781-788
ISSN: 1019-6439
Language: ENGLISH Document Type: ARTICLE
Geographic Location: CANADA
Subfile: SciSearch; CC LIFE--Current Contents, Life Sciences
Journal Subject Category: ONCOLOGY
Abstract: We have developed human adenovirus 5 (Ad5) vectors expressing the wild type human p53 protein or a mutant p53 form under the control of

-more-

?

Display 6/9/1 (Item 1 from file: 34)
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci

the human cytomegalovirus immediate early gene promoter. Human cells infected with these vectors expressed high levels of p53, accumulating 20-40 fold more protein than found in normal human fibroblasts. The ability of the vectors to affect proliferation of cells in culture was assessed by measuring cell DNA synthesis and colony forming ability after infection with viruses. When the p53 deficient ovarian carcinoma cell line, SKOV-3, was infected with Adp53wt expressing the wild type (wt) p53 protein, a significant inhibition of cellular DNA synthesis was observed, relative to cells infected with Adp53m expressing mutant p53, or a control virus, AdLacZ, expressing bacterial beta-galactosidase. Inhibition was dependent on multiplicity of infection, with no significant effect below 5 pfu/cell, and maximal effect between 25 and 100 PFU/cell which resulted in approximately 95% inhibition of SKOV-3 cell DNA synthesis relative to mock infected cells. Infection of normal human fibroblasts with Adp53wt also inhibited DNA synthesis but to a significantly lesser degree. SKOV-3

-more-

?

Ref	Items	Index-term
E1	1	AU=GREGORY, RHONDA
E2	12	AU=GREGORY, RICH
E3	69	*AU=GREGORY, RICHARD

```
E4         3  AU=GREGORY, RICHARD A.
E5         1  AU=GREGORY, RICHARD A., JR.
E6         1  AU=GREGORY, RICHARD ALAN, JR.
E7         2  AU=GREGORY, RICHARD ALLEN
E8        14  AU=GREGORY, RICHARD B.
E9         3  AU=GREGORY, RICHARD BAYNE
E10        1  AU=GREGORY, RICHARD C
E11        7  AU=GREGORY, RICHARD C.
E12        2  AU=GREGORY, RICHARD CARL, JR.

           Enter P or PAGE for more
?


Ref    Items  Index-term
E13       15  AU=GREGORY, RICHARD D
E14       59  AU=GREGORY, RICHARD D.
E15        4  AU=GREGORY, RICHARD I
E16        8  AU=GREGORY, RICHARD I.
E17       11  AU=GREGORY, RICHARD J
E18       88  AU=GREGORY, RICHARD J.
E19        3  AU=GREGORY, RICHARD JAMES
E20       11  AU=GREGORY, RICHARD L
E21       36  AU=GREGORY, RICHARD L.
E22        2  AU=GREGORY, RICHARD LEE
E23        1  AU=GREGORY, RICHARD O.
E24        1  AU=GREGORY, RICHARD O. II

           Enter P or PAGE for more
?


Ref    Items  Index-term
E1         2  AU=GREGORY RICHARD G
E2        27  AU=GREGORY RICHARD I
E3       148 *AU=GREGORY RICHARD J
E4         2  AU=GREGORY RICHARD J W
E5        76  AU=GREGORY RICHARD L
E6         2  AU=GREGORY RICHARD O
E7         2  AU=GREGORY RICHARD S
E8         6  AU=GREGORY RICHARD V
E9         2  AU=GREGORY RICHARD W
E10        2  AU=GREGORY RICK A
E11        1  AU=GREGORY RITA A
E12      175  AU=GREGORY RJ

           Enter P or PAGE for more
?


Ref    Items  Index-term
E1         1  AU=WILLS, KEITH CLARK
E2         1  AU=WILLS, KELLY
E3         7 *AU=WILLS, KEN
E4         2  AU=WILLS, KEN N
E5        31  AU=WILLS, KEN N.
E6         7  AU=WILLS, KENDALL S.
E7         5  AU=WILLS, KENDALL SCOTT
E8         1  AU=WILLS, KENNETH GRAHAM
E9         1  AU=WILLS, KENNETH J.
```

```
E10        4  AU=WILLS, KENNETH N.
E11        3  AU=WILLS, KENNETH NELSON
E12        1  AU=WILLS, KENNETH WILLIAM

           Enter P or PAGE for more
?


Ref    Items  Index-term
E1         3  AU=MANEVAL, DAN C.
E2         9 *AU=MANEVAL, DANIEL
E3         1  AU=MANEVAL, DANIEL A.
E4        30  AU=MANEVAL, DANIEL C.
E5         1  AU=MANEVAL, DAVE R.
E6         4  AU=MANEVAL, DAVID
E7         1  AU=MANEVAL, DAVID E.
E8         2  AU=MANEVAL, DAVID R
E9         2  AU=MANEVAL, DAVID R JR
E10       39  AU=MANEVAL, DAVID R.
E11       11  AU=MANEVAL, DAVID R., JR.
E12        2  AU=MANEVAL, DAVID R.,JR

           Enter P or PAGE for more
?


Ref    Items  Index-term
E1        31  AU=MANEVAL DAN
E2         2  AU=MANEVAL DAN C
E3        21 *AU=MANEVAL DANIEL
E4         2  AU=MANEVAL DANIEL A
E5        68  AU=MANEVAL DANIEL C
E6         2  AU=MANEVAL DANIEL G
E7         2  AU=MANEVAL DAVE R
E8        10  AU=MANEVAL DAVID
E9         2  AU=MANEVAL DAVID JR
E10       36  AU=MANEVAL DAVID R
E11       14  AU=MANEVAL DAVID R JR
E12       60  AU=MANEVAL DC

           Enter P or PAGE for more
?
```